AUTHOR INDEX

Ab. Kongthon, *see* Westbury, H.A. et al.
Akiyama, Y., *see* Kumanomido, T. et al.
Al-Busaidy, S.M., Mellor, P.S. (Woking, Gt. Britain) and Taylor, W.P. (Nairobi, Kenya)
Prevalence of neutralising antibodies to Akabane virus in the Arabian Peninsula 141
Alessandri, J.-M., *see* Picard, B. et al.
Andrews, M.B., *see* Washburn, L.R. et al.
Archambault, D., Morin, G. and Elazhary, M.A.S.Y. (St-Hyacinthe, Que., Canada)
Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines 323
Baba, K., *see* Hohdatsu, T. et al.
Baker, M.N., *see* Barrow, P.A. et al.
Barrow, P.A., Simpson, J.M., Kirk, S.J. and Baker, M.N. (Huntingdon, Gt. Britain)
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens 59
Bentley, C.B., *see* Tisdall, D.J. et al.
Binder, A. and Kirchhoff, H. (Hannover, F.R.G.)
Isolation of anaerobic mollicutes from the intestine of swine 151
Bloemraad, M., *see* Wensvoort, G. et al.
Brogden, K.A., *see* Cutlip, R.C. et al.
Buck, C., McKeirnan, A., Evermann, J., Magnuson, N.S., and Reeves, R. (Pullman, WA, U.S.A.)
A rapid method for the large scale preparation of bovine leukemia virus antigen 107
Burny, A., Kettmann, R., Mammerickx, M., Portetelle, D., Willems, L. (Gembloux, Belgium), Cleuter, Y., Marbaix, C., van den Broeke, A. and Thomas, R. (Genese, Belgium)
Bovine leukaemia: facts and hypotheses derived from the study of an infectious cancer ... 197
Cleuter, Y., *see* Burny, A. et al.
Contrepois, M., *see* Dassouli-Mrani-Belkebir, A. et al.
Cools, V., *see* Cox, E. et al.
Corbeil, L.B., *see* Woodward, W.D. et al.
Cousins, D.V. and Lloyd, J.M. (South Perth, W.A., Australia)
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Cox, E., Cools, V., Houvenaghel, A. (Antwerp, Belgium), Thoonen, H. and Hoorens, J. (Ghent, Belgium)
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Cutlip, R.C., Lehmkuhl, H.D., Schmerr, M.F. and Brogden, K.A. (Ames, IA, U.S.A.)
Ovine progressive pneumonia (maedi-visna) in sheep 237
Dassouli-Mrani-Belkebir, A., Contrepois, M., Girardeau, J.P. and der Vartanian, M. (Ceyrat, France)
Characters of *Escherichia coli* 078 isolated from septicaemic animals 345
Demartini, J.C., Rosadio, R.H. and Lairmore, M.D. (Fort Collins, CO, U.S.A.)
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219

Der Vartanian, M., *see* Dassouli-Mrani-Belkebir, A. et al.
Done, J.T., *see* Edington, N. et al.
Doughty, W.J., *see* Westbury, H.A. et al.
Duval-Iflah, Y., *see* Picard, B. et al.
Edington, N. (London, Gt. Britain), Wrathall, A.E. and Done, J.T. (Weybridge, Gt. Britain)
Porcine cytomegalovirus (PCMV) in early gestation 117
Elazhary, M.A.S.Y., *see* Archambault, D. et al.
Essex, M., *see* Kanki, P.J. and Essex, M.
Evermann, J., *see* Buck, C. et al.
Foil, L.D., *see* Issel, C.H. et al.
Forman, A.J., *see* Westbury, H.A. et al.
Fox, L.K., *see* Woodward, W.D. et al.
Fraser, G., *see* Rajasekhar, M. et al.
Fujisaki, Y., *see* Hohdatsu, T. et al.
Gerber, J., *see* Lewis, M.G. et al.
Girardeau, J.P., *see* Dassouli-Mrani-Belkebir, A. et al.
Gradil, C. and Joo, H.S. (St. Paul, MN, U.S.A.)
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
Haffer, K., *see* Lewis, M.G. et al.
Higgins, R., *see* Touil, F. et al.
Hohdatsu, T., Baba, K., Ide, S., Tsuchimoto, M., Nagano, H., Yamagami, T., Yamagishi, H., Fujisaki, Y. (Chiba-ken, Japan) and Matumoto, M. (Tokyo, Japan)
Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11
Hoorens, J., *see* Cox, E. et al.
Horner, G., *see* Tisdall, D.J. et al.
Houvenaghel, A., *see* Cox, E. et al.
Ide, S., *see* Hohdatsu, T. et al.
Issel, C.H., Foil, L.D., Montelard, R.C. (Baton Rouge, LA, U.S.A.) and Ruslow, K. (Columbus, OH, U.S.A.)
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
Jennings, D.M. and Mellor, P.S. (Woking, Gt. Britain)
The vector potential of British *Culicoides* species for bluetongue virus 1
Jensen, A.M., *see* Meyling, A. and Jensen, A.M.
Johnson, R.P., *see* Krell, P.J. et al.
Joo, H.S., *see* Gradil, C. and Joo, H.S.
Kamada, M., *see* Kumanomido, T. et al.
Kanki, P.J. and Essex, M. (Boston, MA, U.S.A.)
Simian T-lymphotropic viruses and related human viruses 309
Kenemaru, T., *see* Kumanomido, T. et al.
Kettmann, R., *see* Burny, A. et al.
Kirchhoff, H., *see* Binder, A. and Kirchhoff, H.
Kirk, S.J., *see* Barrow, P.A. et al.
Krell, P.J., Salas, T. and Johnson, R.P. (Guelph, Ont., Canada)
Mapping of porcine parvovirus DNA and development of a diagnostic DNA probe 29

Kumanomido, T., Kamada, M., Wada, R., Kenemaru, T., Sugiura, T. and Akiyama, Y. (Tochigi, Japan)
Pathogenicity for horses of original Sagiyama virus, a member of the Getah virus group .. 367
Lafrado, L.J., *see* Lewis, M.G. et al.
Lairmore, M.D., *see* Demartini, J.C. et al.
Lehmkuhl, H.D., *see* Cutlip, R.C. et al.
Lawson, G.H.K. (Easter Bush, Gt. Britain)
Book Review of *Pathogenesis of Bacterial Infections in Animals* by C.L. Gyles and C.O. Thoen (Editors) 94
Lawson, G.H.K., *see* Rajasekhar, M. et al.
Lewis, M.G., Lafrado, L.J., Olsen, R.G. (Columbus, OH, U.S.A.), Haffer, K., Gerber, J. and Sharpee, R.L. (Lincoln, NE, U.S.A.)
Feline leukemia virus vaccine: new developments 297
Lloyd, J.M., *see* Cousins, D.V. and Lloyd, J.M.
Madley, C.R. (Newcastle upon Tyne, Gt. Britain)
Book Review of *Novel Diarrhoea Viruses* by G. Bock and J. Whelan (Editors) 91
Magnuson, N.S., *see* Buck, C. et al.
Mammerickx, M., *see* Burny, A. et al.
Marbaix, C., *see* Burny, A. et al.
Matumoto, M., *see* Hohdatsu, T. et al.
McKeirnan, A., *see* Buck, C. et al.
McKeirnan, A., *see* Buck, C. et al.
Mellor, P.S., *see* Al-Busaidy, S.M. et al.
see Jennings, D.M. and Mellor, P.S.
Meyling, A. and Jensen, A.M. (Copenhagen, Denmark)
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull 97
Montelard, R.C., *see* Issel, C.H. et al.
Morin, G., *see* Archambault, D. et al.
Nadeau, M., *see* Touil, F. et al.
Nagano, H., *see* Hohdatsu, T. et al.
Ogilvie, G.K., Tompkins, M.B. and Tompkins, W.A.F. (Urbana, IL, U.S.A.)
Clinical and immunologic aspects of FeLV-induced immunosuppression 287
Okereke, R.E., *see* Rajasekhar, M. et al.
Olsen, R.G., *see* Lewis, M.G. et al.
Ørskov, F., *see* Suárez, S. et al.
Ørskov, I., *see* Suárez, S. et al.
Paniagua, C., *see* Suárez, S. et al.
Pastoret, P.-P. (Brussels, Belgium)
Book Review of *Animal Models of Retrovirus Infection and their Relationship to AIDS* by L.A. Salzman (Editor) 92
Picard, B., Alessandri, J.-M. and Duval-Iflah, Y. (Jouey-en-Josas, France)
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Portetelle, D., *see* Burny, A. et al.
Rajasekhar, M., Okereke, R.E., Lawson, G.H.K. and Fraser, G. (Midlothian, Gt. Britain)
Infection of established cell lines with *Campylobacter mucosalis* 179

Ramsay, J.R., *see* Washburn, L.R. et al.
Reeves, R., *see* Buck, C. et al.
Rosadio, R.H., *see* Demartini, J.C. et al.
Ruslow, K., *see* Issel, C.H. et al.
Salas, T., *see* Krell, P.J. et al.
Sawada, T., Tamura, Y. and Takahashi, T. (Tokyo, Japan)
Mechanism of protection induced in mice against *Erysipelothrix rhusiopathiae* infection by treatment with porcine antiserum to the culture filtrate of an attenuated strain 65
Schmerr, M.F., *see* Cutlip, R.C. et al.
Sharpee, R.L., *see* Lewis, M.G. et al.
Simpson, J.M., *see* Barrow, P.A. et al.
Suárez, S., Paniagua, C. (León, Spain), Ørskov, I. and Ørskov, F. (Copenhagen, Denmark)
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain 375
Suchinta Tangchaitrong, *see* Westbury, H.A. et al.
Sugiura, T., *see* Kumanomido, T. et al.
Takahashi, T., *see* Sawada, T. et al.
Tamura, Y., *see* Sawada, T. et al.
Taylor, W.P., *see* Al-Busaidy, S.M. et al.
Terpstra, C., *see* Wensvoort, G. et al.
Thomas, R., *see* Burny, A. et al.
Thoonen, H., *see* Cox, E. et al.
Tisdall, D.J., Bentley, C.B. and Horner, G. (Hamilton, New Zealand)
Genetic variation between New Zealand and Western Samoan isolates of Aujeszky's disease virus 335
Tomkins, W.A.F., *see* Ogilvie, G.K. et al.
Tompkins, M.B., *see* Ogilvie, G.K. et al.
Touil, F. (Constantine, Algeria), Higgins, R. and Nadeau, M. (Saint-Hyacinthe, Que., Canada)
Isolation of *Streptococcus suis* from diseased pigs in Canada 171
Tsuchimoto, M., *see* Hohdatsu, T. et al.
Van den Bogaard, A.E.J.M. (Maastricht, The Netherlands)
Book Review of *Laboratory Animals* by E.T. Ruitenburg and P.W.J. Peters (Editors) 95
Van den Broeke, A., *see* Burny, A. et al.
Wada, R., *see* Kumanomido, T. et al.
Ward, A.C.S., *see* Woodward, W.D. et al.
Washburn, L.R., Ramsay, J.R. and Andrews, M.B. (Salt Lake City, UT, U.S.A.)
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Wensvoort, G., Bloemraad, M. and Terpstra, C. (Lelystad, The Netherlands)
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus 129
Westbury, H.A., Doughty, W.J., Forman, A.J. (Geelong, Vic., Australia), Suchinta Tangchaitrong (Lampang, Thailand) and Ab. Kongthon (Ratchasima, Thailand)
A comparison of enzyme-linked immunosorbent assay, complement fixation and virus isolation for foot and mouth disease diagnosis 21
Willems, L., *see* Burny, A. et al.
Woodward, W.D., Ward, A.C.S., Fox, L.K. and Corbeil L.B. (Pullman, WA. U.S.A.)
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357
Wrathall, A.E., *see* Edington, N. et al.
Yamagami, T., *see* Hohdatsu, T. et al.
Yamaghishi, H., *see* Hohdatsu, T. et al.

SUBJECT INDEX

Actinobacillus seminis
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Adenomatosis
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219
Aerococcus viridans
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357
AIDS
Animal models of retrovirus infection and their relationship to AIDS (Book Review) 92
Simian T-lymphotropic viruses and related human viruses 309
Akabane virus
Prevalence of neutralising antibodies to Akabane virus in the Arabian Peninsula 141
Anemia
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
API ZYM
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Aujeszky's disease
Genetic variation between New Zealand and Western Samoan isolates of Aujeszky's disease virus 335
Bacillus sp.
Teat skin normal flora colonization with mastitis pathogen inhibitors 357
Bacteriology
Bacterial infections (Book Review) 94
Characters of *Escherichia coli* 078 isolated from septicaemic animals 345
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Infection of established cell lines with *Campylobacter mucosalis* 179
Isolation of *Streptococcus suis* from diseased pigs in Canada 171
Mechanism of protection induced in mice against *Erysipelothrix rhusiopathiae* infection by treatment with porcine antiserum to the culture filtrate of an attenuated strain 65
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens 59
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain 375
Bluetongue
The vector potential of British *Culicoides* species for bluetongue virus 1
Campylobacter spp.
Infection of established cell lines with *Campylobacter mucosalis* 179

Cat
Clinical and immunologic aspects of FeLV-induced immunosuppression ... 287
Feline leukemia virus vaccine: new developments ... 297
Cattle
Bovine leukaemia: facts and hypotheses derived from the study of an infectious cancer ... 197
Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines ... 323
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull ... 97
Cell cultures
Infection of established cell lines with *Campylobacter mucosalis* ... 179
Chicken
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens ... 59
Classical swine fever
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus ... 129
Control measures
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens ... 59
Corynebacterium xerosis
Teat skin normal flora and colonization with mastitis pathogen inhibitors ... 357
Culicoides spp.
The vector potential of British *Culicoides* species for bluetongue virus ... 1
Cytomegalovirus
Porcine cytomegalovirus (LCMV) in early gestation ... 117
Diagnostics
A comparison of enzyme-linked immunosorbent assay, complement fixation and virus isolation for foot and mouth disease diagnosis ... 21
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum ... 315
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus ... 129
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins ... 83
Mapping of porcine parvovirus DNA and development of a diagnostic DNA probe ... 29
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system ... 75
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain ... 375
Diarrhoea
Novel diarrhoea viruses (Book Review) ... 91
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull ... 97
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain ... 375
Disease transmission
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis ... 251
Porcine cytomegalovirus (PCMV) in early gestation ... 117
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull ... 97

Enzymology
A radial immunodiffusion assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Epidemiology
Isolation of *Streptococcus suis* from diseased pigs in Canada 171
Prevalence of neutralising antibodies to Akabane virus in the Arabian Peninsula 141
Erysipelothrix rhusiopathiae
Mechanism of protection induced in mice against *Erysipelothrix rhusiopathiae* infection by treatment with porcine antiserum to the culture filtrate of an attenuated strain 65
Escherichia coli
Characters of *Escherichia coli* 078 isolated from septicaemic animals 345
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain 375
Foot and mouth disease
A comparison of enzyme-linked immunosorbent assay, complement fixation and virus isolation for foot and mouth disease diagnosis 21
Gastroenteritis
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Genetics
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
Genetic variation between New Zealand and Western Samoan isolates of Aujeszky's disease virus 335
Haemophilus somnus
Rapid identification of *Heamophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Halofuginone
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens 59
Histophilus ovis
Rapid identification of *Haemophilus somnus, Histophilus ovis* and *Actinobacillus seminis* using the API ZYM system 75
Horse
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
Pathogenicity for horses of original Sagiyama virus, a member of the Getah virus group .. 367
Immunology
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
A rapid method for the large scale preparation of bovine leukemia virus antigen 107
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus 129
Clinical and immunologic aspects of FeLV-induced immunosuppression 287

Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11
Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines 323
Mechanism of protection induced in mice against *Erysipelothrix rhusiopathiae* infection by treatment with porcine antiserum to the culture filtrate of an attenuated strain 65
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Laboratory animals, general
Laboratory animals (Book Review) 95
Lentivirus
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219
Leukemia
A rapid method for the large scale preparation of bovine leukemia virus antigen 107
Bovine leukaemia: facts and hypotheses derived from the study of an infectious cancer ... 197
Clinical and immunologic aspects of FeLV-induced immunosuppression 287
Feline leukemia virus vaccine: new developments 297
Maedi-visna
Ovine progressive pneumonia (maedi-visna) in sheep 237
Mastitis
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357
Modelling
Animal models of retrovirus infection and their relationship to AIDS (Book Review) 92
Mollicutes
Isolation of anaerobic mollicutes from the intestine of swine 151
Mouse
Mechanism of protection induced in mice against *Erysipelothrix rhusiopathiae* infection by treatment with porcine antiserum to the culture filtrate of an attenuated strain 65
Mycoplasma arthritidis
Recognition of *Mycoplasma arthritidis* membrane antigen by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Oncology
Bovine leukaemia: facts and hypotheses derived from the study of an infectious cancer ... 197
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary) adenomatosis) 219
Pathogenesis
Bacterial infections (Book Review) 94
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219
Pathogenicity
Pathogenicity for horses of original Sagiyama virus, a member of the Getah virus group .. 367
Pneumonia
Ovine progressive pneumonia (maedi-visna) in sheep 237
Pathology
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Ovine progressive pneumonia (maedi-visna) in sheep 237
Parvovirus
Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11

Mapping of porcine parvovirus DNA and development of a diagnostic DNA probe 29
Pig
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus 129
Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Isolation of anaerobic mollicutes from the intestine of swine 151
Isolation of *Streptococcus suis* from diseased pigs in Canada 171
Mapping of porcine parvovirus DNA and development of a diagnostic DNA probe 29
Porcine cytomegalovirus (PCMV) in early gestation 117
Unusual serotypes of *Escherichia coli* from piglet diarrhea in North Spain 375
Rabbit
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Rat
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Retrovirus
Animal models of retrovirus infection and their relationship to AIDS (Book Review) 92
Foreword to *Animal Retroviruses* (Special Issue) 195
Simian T-Lymphotropic viruses and related human viruses 309
Rhinopneumonitis
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
Rotavirus
Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines 323
Sagiyama virus
Pathogenicity for horses of original Sagiyama virus, a member of the Getah virus group .. 367
Salmonella typhimurium
The effect of halofuginone on the excretion of *Salmonella typhimurium* by experimentally infected chickens 59
Semen
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull 97
Septicaemia
Characters of *Escherichia coli* 078 isolated from septicaemic animals 345
Sheep
Ovine progressive pneumonia (maedi-visna) in sheep 237
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219
The vector potential of British *Culicoides* species for bluetongue virus 1
Skin
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357
Staphylococcus hominis
Teat skin normal flora and colonization with mastitis pathogen inhibitors 357

Streptococcus suis
Isolation of *Streptococcus suis* from diseased pigs in Canada 171
Swamp fever
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
Techniques
A comparison of enzyme-linked immunosorbent assay, complement fixation and virus isolation for foot and mouth disease diagnosis 21
A rapid method for the large scale preparation of bovine leukemia virus antigen 107
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus 129
Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Genetic variation between New Zealand and Western Samoan isolates of Aujeszky's disease virus 335
Recognition of *Mycoplasma arthritidis* membrane antigens by rats and rabbits: comparison by immunoblotting and radioimmunoprecipitation 45
Toxins
Double-sandwich enzyme-linked immunosorbent assay for determination of *Escherichia coli* heat labile porcine enterotoxins 83
Vaccination
Feline leukemia virus vaccine: new developments 297
Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines 323
Vectors
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
The vector potential of British *Culicoides* species for bluetongue virus 1
Virology
A comparison of enzyme-linked immunosorbent assay, complement fixation and virus isolation for foot and mouth disease diagnosis 21
A perspective on equine infectious anemia with an emphasis on vector transmission and genetic analysis 251
A radial immunodiffusion enzyme assay for detection of antibody to equine rhinopneumonitis virus (EHV-1) in horse serum 315
A rapid method for the large scale preparation of bovine leukemia virus antigen 107
An enzyme immunoassay employing monoclonal antibodies and detecting specifically antibodies to classical swine fever virus 129
Animal models of retrovirus infection and their relationship to AIDS (Book Review) 92
Bovine leukaemia: facts and hypotheses derived from the study of an infectious cancer ... 197
Clinical and immunologic aspects of FeLV-induced immunosuppression 287
Detection of antibodies against porcine parvovirus in swine sera by enzyme-linked immunosorbent assay 11
Effect of experimentally-induced villus atrophy on adhesion of K88ac-positive *Escherichia coli* in just-weaned piglets 159
Feline leukemia virus vaccine: new developments 297
Foreword to *Animal Retroviruses* (Special Issue) 195
Genetic variation between New Zealand and Western Samoan isolates of Aujeszky's disease virus 335

Influence of immunomodulatory agents on bovine humoral and cellular immune responses to parenteral inoculation with bovine rotavirus vaccines 323
Mapping of porcine parvovirus DNA and development of a diagnostic DNA probe 29
Novel diarrhoea viruses (Book Review) 91
Ovine progressive pneumonia (maedi-visna) in sheep 237
Pathogenicity for horses of original Sagiyama virus, a member of the Getah virus group .. 367
Porcine cytomegalovirus (PCMV) in early gestation 117
Prevalence of neutralising antibodies to Akabane virus in the Arabian Peninsula 141
Simian T-lymphotropic viruses and related human viruses 309
The etiology and pathogenesis of ovine pulmonary carcinoma (sheep pulmonary adenomatosis) 219
The vector potential of British *Culicoides* species for bluetongue virus 1
Transmission of bovine virus diarrhoea virus (BVDV) by artificial insemination (AI) with semen from a persistently-infected bull 97

Zoonoses
Simian T-lymphotropic viruses and related human viruses 309